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PTO/SB/05 (12/98)
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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under CFR 1.53(b))</small>	Attorney Docket No.	ZAHFRI P533US	
	First Named Inventor or Appln Identified: Eberhard BIERMANN et al.		
	Title: SHIFTING ELEMENT SYSTEM		
	Express Mail Label No.	EV 330996123 US	

2241 U.S. PTO
10/6/5219
08/21/03

<p style="text-align: center;">APPLICATION ELEMENTS</p> <p>See MPEP chapter 600 concerning utility patent appln. contents.</p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status <i>(see 37 CFR 1.27.)</i></p> <p>3. <input checked="" type="checkbox"/> Specification (Total Pages) [16] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none">• Descriptive title of the invention• Cross References to Related Applications• Statement Regarding Fed sponsored R & D• Reference to Microfiche Appendix• Background of the Invention• Brief Summary of the Invention <p>• Brief Description of the Drawings <i>(if filed)</i></p> <ul style="list-style-type: none">• Detailed Description• Claim(s)• Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawings (35 USC 113) (Total Pages) [1]</p> <p>4a. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [1]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i></p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p>	<p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>
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ADDRESS TO:	Assistant Commissioner for Patents
Box Patent Application P. O. Box 1450 Alexandria, VA 22313-1450	

ACCOMPANYING APPLICATION PARTS
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Citations
13. <input checked="" type="checkbox"/> Preliminary Amendment-8 pgs.
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
16. <input checked="" type="checkbox"/> Other: Express Mail Certificate Submission of Certified Copy-1 pg.;

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: ____/____

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<p><input checked="" type="checkbox"/> Customer Number: 020210</p> <p>Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p> <p>Name: Michael J. Bujold</p> <p>Signature: </p>	<p>PATENT & TRADEMARK OFFICE</p> <p>020210</p>	<p><input type="checkbox"/> Correspondence address below</p> <p>Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@davisandbujold.com</p> <p>Registration No.: 32,018</p> <p>Date: August 21, 2003</p>
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08/21/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Eberhard BIERMANN and Peter TIESLER
Serial no. :
For : SHIFTING ELEMENT SYSTEM
Docket : ZAHFRI P533US

MAIL STOP PATENT APPLICATION
The Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EV 330996123 US**

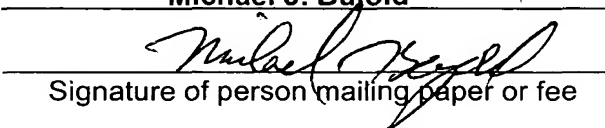
Date of Deposit: **August 21, 2003**

I hereby state that the following attached paper or fee:

**Check for \$826;
Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Specification/Claims/Abstract-16 pgs.;
Submission of Formal Drawing-1 pg.;
Drawings (Fig. 1)-1 pg.;
Declaration & Power of Atty-3 pgs.;
Assignment & Cover-2 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1 pg.; 3 Citations;
Preliminary Amendment-8 pgs.;
Submission of Certified Copy-1 pg.;
1 Certified Copy;
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are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Michael J. Bujold


Signature of person mailing paper or fee

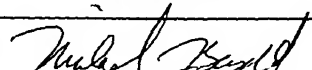
NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

PATENT & TRADEMARK OFFICE



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FEE TRANSMITTAL		Complete if Known																																																																																																																																																																																	
<p style="text-align: center;">for FY 2003</p> <p style="text-align: center;">Patent fees are subject to annual revision</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>Application No. Filing Date First Named Inventor Examiner Name Group Art Unit</p>		<p style="text-align: center;">Eberhard BIERMANN et al.</p>																																																																																																																																																																															
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<p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input checked="" type="checkbox"/> Deposit Account:</p> <p>Deposit Account Number: 04-0213</p> <p>Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.</p>			<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge-late filing fee/oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for re-examination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Ext.for reply w/in 1 mon</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Ext.for reply w/in 2 mon</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Ext.for reply w/in 3 mon</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Ext.for reply w/in 4 mon</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Ext.for reply w/in 5 mon</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a Brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (for reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Petition related to provisional applns.</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Info.Disclo.Stmt.</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording ea. patent assignment per property (times No.of properties)</td> <td>\$40</td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For ea.additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Cont.Exam. 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Ind. Claims	1 - 3	=	\$84 (\$42) x	= -0-																																																																																																																																																																															
Mult.Ind.Claims		=	\$280 (\$140) x	=																																																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																															
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																															
1201	84	2201	42	Independent claims in excess of 3																																																																																																																																																																															
1203	280	2203	140	Multiple dependent claim																																																																																																																																																																															
1204	84	2204	42	**Reissue independent claims over original patent																																																																																																																																																																															
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																															
SUBTOTAL (2)					\$36																																																																																																																																																																														
<p>** or number previously paid, if greater; For Reissues, see above</p>			<p>Other fee (specify) *Reduced by Basic Filing Fee Paid</p> <p style="text-align: right;">SUBTOTAL (3) \$40</p>																																																																																																																																																																																
SUBMITTED BY			Completed (if applicable)																																																																																																																																																																																
Typed or Printed Name	Michael J. Bujold		Registration Number	32,018	Telephone No. (603) 624-9220																																																																																																																																																																														
Signature			Date: August 21, 2003	Deposit Account User ID	04-0213																																																																																																																																																																														